12 July 1971

GDBR NO. 1595

PROJECT: SABINE NECHES WATERWAY

BORING NO. 77-210

TEST DATA SUMMARY

LOCATION: Lat.29°,17',09", Lon.93°,40',00"

DATE COMPLETED

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION ELEVATION TOP BORING	Length of sample recv'd	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY P. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
	0.0	49.8	# water 0.0 - 49.8																			
1C	49.8	51.0	Gray & brown clay with 49.8-52.6	1.2	CH	S	1.75		35				5552									
			random silt seams																			
2C	51.0	53.0	Gray & brown clay with random silt	2.0		S	1.50		31		58	21	5553		0	6	94	50	0	0	0	3
			seams																			
3C	53.0	55.0	Dark gray clayey sand 52.6-54.0	2.0	SC	K	1.00		22		29	15	5554		0	58	42	50	0	0	0	29
			with organic material																			
4C	55.0	57.0	Brown silty sand 54.0-64.3	2.0	SM		1.00		20				5555	2	0	76	24	50	0	0	0	38
5C	57.0	59.0	Gray & brown silty sand	2.0			0.50		22				5556		0	74	26	50	0	0	0	37
6C	59.0	61.0	Gray & brown silty sand	2.0			0.25		22				5557		0	76	24	50	0	0	0	38
7C	61.0	63.0	Gray & brown silty sand	2.0			0.75		22				5558	2.5	0	72	28	50	0	0	0	36
8C	63.0	65.0	Gray & brown silty sand	2.0			0.50		22				5559		0	66	34	50	0	0	0	33
9C	65.0	67.0	Gray & brown sandy clay 64.3-67.0	2.0	CL	M	0.50		28		45	16	5560		0	16	84	50	0	0	0	13
			with silt and sand seams																			
			#information obtained from driller's log																			

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense.

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 77-210

Bottomed at _____ Water at _____ Tide Reading +2.5

Sheet 1 of sheets 1

Hole No. 77-210

DRILLING LOG	DIVISION: Southwest	INSTALLATION: Galveston	SHEET 1 OF 1 SHEETS

1. PROJECT: Sabine Neches waterway
2. LOCATION (Coordinates or Station): Lat 29° 17' 09" Long 93° 46' 00"
3. DRILLING AGENCY: U.S.C.E.C.
4. HOLE NO. (As shown on drawing title and file number): 77-210
5. NAME OF DRILLER: LaRue
6. DIRECTION OF HOLE: ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE: 67.0
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL: VIBRO-CORE
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED: ; UNDISTURBED: 1 Tube
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE: STARTED 4 July 77; COMPLETED 4 July 77
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING: 20.0
19. SIGNATURE OF INSPECTOR: Bert Abbott

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
	47.0	0.0	to 47.0 water depth			20.0 Sample Recov.
		47.0	to 67.0 Tan sand		1.75	
	67.0		Bottom 67.0			

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE. (TRANSLUCENT)

PROJECT

HOLE NO. 77-210